Datasheet for ABIN6699807

EBI3 Protein

1 Image

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Overview

Quantity:	20 µg
Target:	EBI3 (IL-27b)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	Human Epstein-Barr Virus Induced Gene 3 Recombinant Protein (Animal Free)
Purification:	Epstein-Barr Virus Induced Gene-3 is produced with no animal-derived raw products, animal free equipment and animal free protocols. Purity was determined to be greater than 90% as determined by reducing and non-reducing SDS-PAGE.
Purity:	90,00%
Endotoxin Level:	Measured by LAL is typically ≤ 1 EU/µg protein.
Grade:	Animal-Free
Biological Activity Comment:	Human EBI3 has no known independent biological function, but is assayed by qualitative binding to an anti-EBI-3 antibody.

Target Details

Target:	EBI3 (IL-27b)
Alternative Name:	EBI3 (IL-27b Products)

Target Details

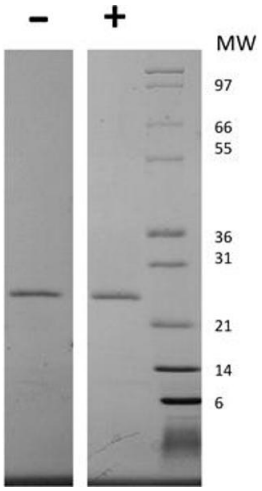
Background:	Synonyms: IL-35/EBI3, IL-27/EBI3 Background: Epstein-Barr Virus Induced Gene-3 (EBI3), is a secreted glycoprotein belonging to the hematopoietin receptor family and is related to the p40 subunit of IL-12. EBI3 was identified by its induced expression in B-lymphocytes in response to Epstein-Barr virus infection. EBI3 forms heterodimers with p28 to form IL-27 and with p35 to form IL-35. Both IL-27 and IL-35 have anti-inflammatory and regulatory activity. Recombinant human EBI3 is a non-glycosylated protein, containing 210 amino acids, with a molecular weight of 23.3 kDa.
UniProt:	Q14213

Application Details

Application Notes:	Other: User Optimized Application_Note: Epstein-Barr Virus Induced Gene 3 Recombinant Protein has been tested by SDS-PAGE and is suitable as a control for polyclonal or monoclonal anti-Epstein-Barr Virus Induced Gene 3 in immunological assays.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution_Buffer: Restore with deionized water (or equivalent) Reconstitution_Volume: 20 µL (20-200 µL)
Buffer:	Buffer: 0.1 % Trifluoroacetic acid Stabilizer: 0.5 % Mannitol
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at 4° C prior to restoration. Dilute only prior to immediate use. Maintain sterility. This product DOES NOT contain preservative. DO NOT VORTEX. We recommend adding a carrier protein such as HSA or BSA to 0.1% (i.e. 1.0 mg/mL). For best results aliquot contents and freeze at -20° C or colder. Avoid cycles of freezing and thawing. Centrifuge vial before each opening to dislodge contents from the cap and to clarify if contents are not clear after standing at room temperature.
Expiry Date:	6 months



SDS-PAGE

Image 1. SDS-PAGE of Human Epstein-Barr Virus Induced Gene 3 Recombinant Protein (Animal Free) SDS-PAGE of Human Epstein-Barr Virus Induced Gene 3 Animal Free Recombinant Protein. Lane 1: 1 µg Human EBI3 AF in non-reducing conditions . Lane 2: 1 µg Human EBI3 AF in reducing conditions (+). Lane 3: Molecular weight marker. Human EBI3 AF has a predicted MW of 23.3 kDa.

